LTC 2915/91 15-inch Color Video Monitor

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Invented for life

- 39 cm (15 in.) Screen size
- Provides 700 TV lines of resolution
- Auto-sensing of PAL and NTSC signals
- Switchable composite video and Y/C signal inputs
- On-screen menus for monitor adjustments

The LTC 2915/91 is a high performance, high resolution color display monitor which includes a comprehensive lineup of professional features, offering maximum flexibility for a wide variety of applications. This monitor incorporates a 39 cm (15 in.), measured diagonally, CRT which, together with a specially designed comb filter circuit, delivers outstanding color reproduction and picture clarity with more than 700 TV lines of resolution. Adjustment of display parameters are made via user-friendly on-screen menus, offering a choice of default or customized settings selectable in seven languages.

Functions

The LTC 2915/91 includes two loop-through composite video inputs, using BNC connectors with auto termination, and one set of loop-through Y/C connectors for S-video signals. Using front panel controls, each of these three inputs is selectable for display individually or in sequence mode. Single line level audio is also available for composite video A input and composite B or Y/C input.
The LTC 2915/91 features an auto-sensing function, which automatically identifies whether input signals are PAL or NTSC, an underscan function to ensure no loss or distortion of multi-screen pictures when connected to a multiplexer device and to a universal power supply to handle a wide range of power sources.
Housed in a compact, space-saving metal cabinet, the LTC 2915/91 can be rack mounted in a 48 cm (19 in.) standard EIA rack.

Certifications and Approvals

Electromagnetic Compatibility (EMC)	Complies with FCC Part 15, ICES-003, and CE regulations
Safety	Complies with CE regulations, UL, CSA, EN, and IEC Standards Complies with DHHS Rules 21 CFR

Technical Specifications

Electrical

Rated Voltage	120/230 VAC, 50/60 Hz
Voltage Range	100 to 240
Power at Rated Voltage	80 W
Sync Format	PAL/NTSC

Display Tube	39 cm (15 in.) measured diagonally, 90° deflection dot triad pitch 0.28 mm integral implosion protection
Viewable Picture Area	35.6 cm (14 in.) measured diagonally
Linearity	2 to 3% typical
	7% maximum
Horizontal Resolution	700 TVL (minimum)

Video Inputs	
Composite Video	0.35 to 1.5 Vp-p, sync negative, auto-terminating 75 Ohm unbalanced to Hi-Z with passive loop-through operation
Y/C	Y-Signal: 0.7 Vp-p; C-signal: 0.3 Vp-p, auto-terminating 75 Ohm unbalanced to Hi-Z with loop-through operation

Audio Input	1 V line level
Audio Output	Loop-through line level, 1 W speaker

Controls (Front Panel)	
OSD	Selects on-screen display menu
^	Brightness adjustment increase, up cursor
V	Brightness adjustment decrease, down cursor
<	Contrast adjustment decrease, adjustment decrease OSD
>	Contrast adjustment increase, adjustment increase OSD
A	Select video input A
B	Select video input B
Y/C	Select video input Y/C
SEQ	Select video input A, B, and Y/C in sequence
Power	On/off switch
Indicators Front Panel	Power on LED

On-Screen Display (7 Languages)
Brightness, Contrast, Tint (NTSC only), Color, Default, Language (English, Chinese, French, German, Spanish, Italian, Dutch), Channel title, Dwell time, Volume, Underscan, Sharpness

Mechanical

	Connectors
Composite video: two (2) BNC (1 in, 1 out)	Video A
Composite video: two (2) BNC (1 in, 1 out)	Video B
Two (2) RCA phono jacks (1 in, 1 out)	Audio A
Two (2) RCA phono jacks (1 in, 1 out)	Audio B
Two (2) mini-DIN, (1 in, 1 out)	Y/C Video
Two (2) detachable, 3-wire IEC connectors with a grounded plug, 1.83 m (6 ft) long; one (1) with a European/Continental plug type and one (1) with a U.S. plug type	Power Cord

Cabinet	
Material	Steel with plastic front
Finish	Charcoal
Dimensions (W x D x H)	356 x 382 x 333 mm (14 x 15 x 13.1 in.)
Weight	13.2 kg (29.0 lb)

Environmental

Operating Temp.	0°C to 55°C (32°F to 131°F)
Storage Temp.	–10°C to 60°C (14°F to 140°F)
Humidity	10%–90%, non-condensing

Ordering Information

LTC 2915/91 15-inch Color Video Monitor
39 cm (15 in.), PAL/NTSC, 700 TVL with audio, 120/230 VAC, 50/60 Hz
Order number **LTC 2915/91**

Accessories

LTC 9113/00 Rack Kit
for one (1) LTC 2813, LTC 2914, or LTC 2915, 14-in. high
Order number **LTC 9113/00**

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